Specifications — SI 28 Surface Mount Speaker

Audio/acoustic and electrical

Speaker type	2-way, indoor/outdoor surface mount speaker
Frequency range	50 Hz to 20 kHz, -10 dB, half space
Power capacity	90 W continuous pink noise 180 W continuous program
Nominal sensitivity	90 dB SPL, 1 W, 1 m, half space
Nominal impedance	8 ohms
Crossover frequency	2.1 kHz
Woofer	8.0" (203 mm) polypropylene cone with moisture resistant coating
Tweeter	1.0" (25 mm) aluminum dome
Overload protection	Full range power limiter, protecting the tweeter, woofer, and crossover
Input connector	2 pin spring terminals

General

Package	2 speakers (1 pair)
Temperature/humidity	Storage: -40 to +158 °F (-40 to +70 °C) / 10% to 90%, noncondensing Operating: +32 to +122 °F (0 to +50 °C) / 10% to 90%, noncondensing
Mounting	Wall mountable with included hardware: wall mountable V-lock brackets

NOTE *V-lock brackets can be angled up to 20° upward, 35° downward, 30° to the left, and 30° to the right.*

Enclosure type	Plastic, trapezoidal, with metal grille and bass reflex port
Enclosure outer dimensions	16.5" H x 11.5" W x 8.6" D (41.9 cm H x 29.2 cm W x 21.9 cm D)
Product weight	Single: 15 lbs (6.8 kg)
Shipping weight	Pair: 40 lbs (19 kg) with mounting kit package
Warranty	5 years parts and labor

NOTE *All nominal levels are at ±10%.*

NOTE *Specifications are subject to change without notice.*

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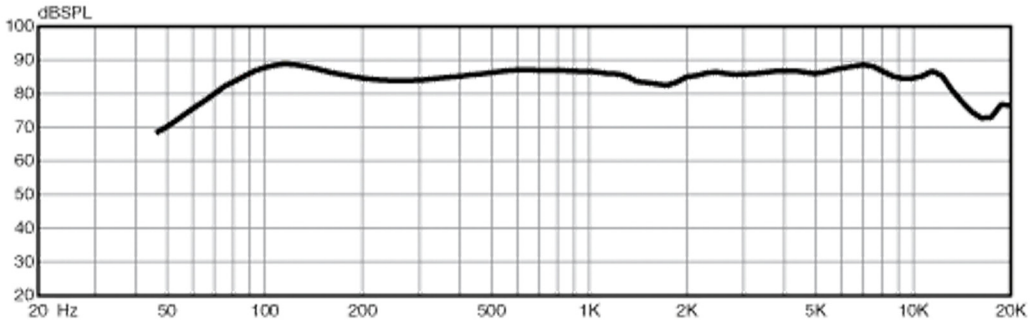
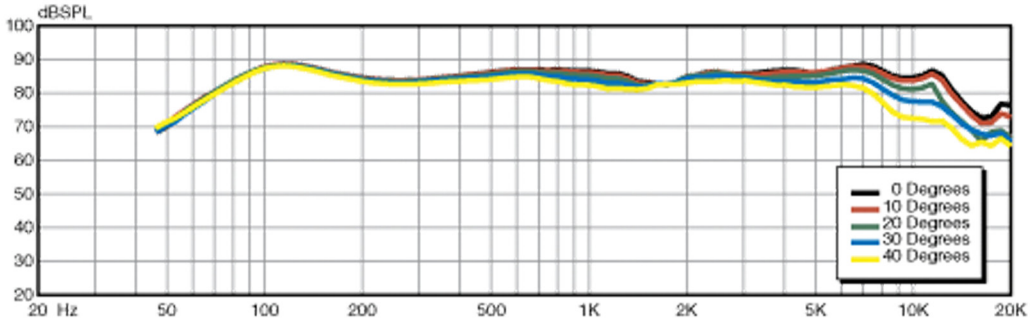
Specifications — SI 28 Surface Mount Speaker, cont'd

RESPONSE GRAPHS – FREQUENCY AND IMPEDANCE

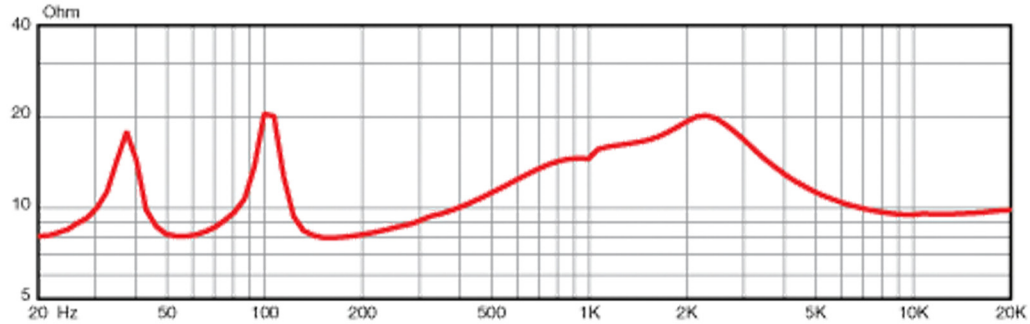
SPL VS. FREQUENCY – 1 WATT @ 1 METER RESPONSE, FULL SPACE (4π)



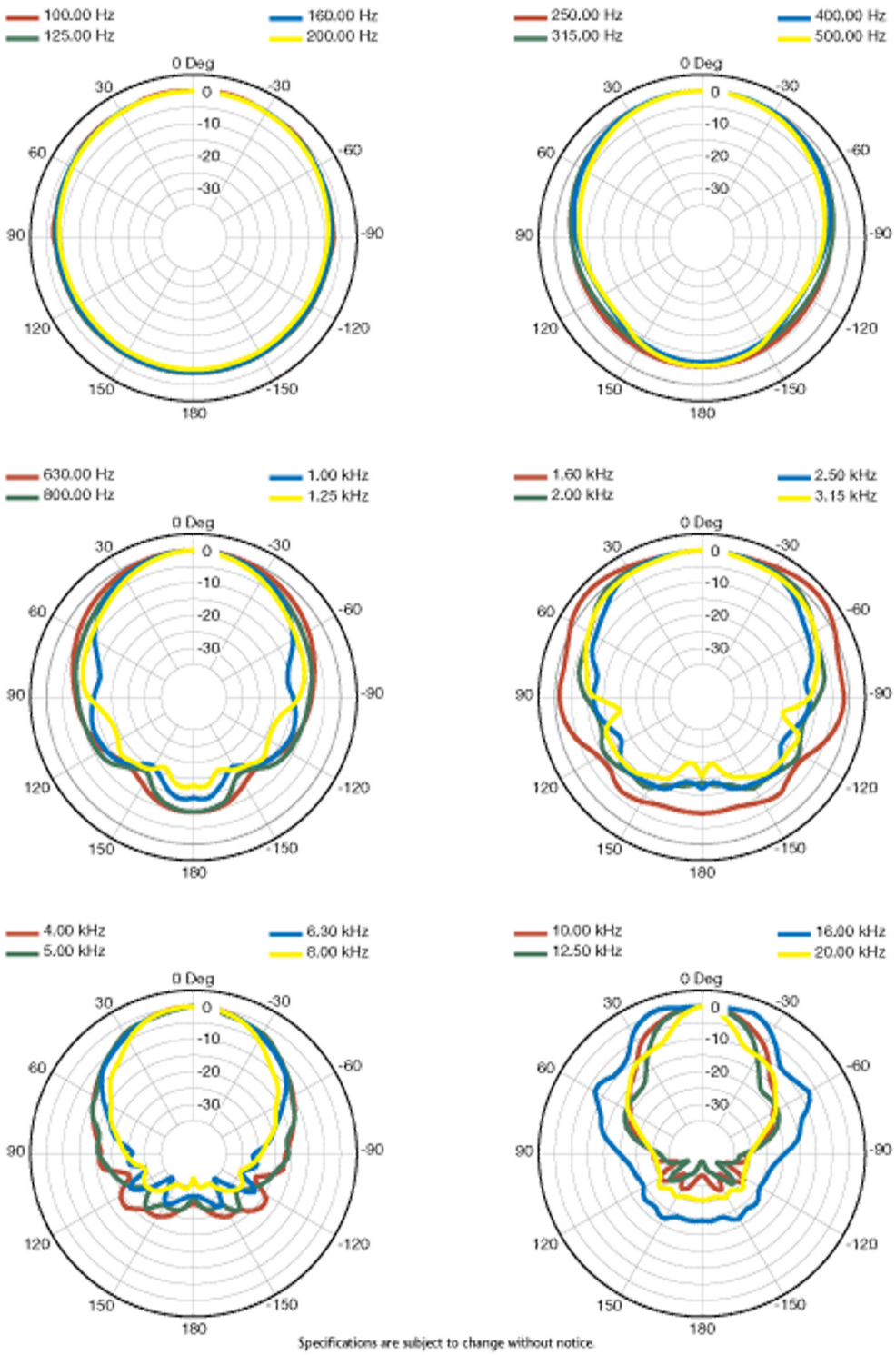
SPL VS. FREQUENCY – OFF-AXIS RESPONSE, FULL SPACE (4π)



IMPEDANCE VS. FREQUENCY



POLAR GRAPHS – 1/3 OCTAVE, Horizontal



Specifications are subject to change without notice.